

CLAIMS

What we claim is:

1. A method of installing and recycling carpet tiles in at least one area in
10 which a plurality of carpet tiles are laid, the method comprising the
steps of:
installing carpet tiles in at least a first area with adjacent
tiles being of a different pattern, color, shade, design, or combination
thereof;
15 removing carpet tiles from first said area;
installing carpet tiles in said first area from which the carpet
tiles have been removed with adjacent tiles being of a different
pattern, color, shade, design, or combination thereof; and,
renewing the removed carpet tiles.
20
2. The method of Claim 1, further comprising the steps of:
removing carpet tiles in a second area, which are to be
subsequently renewed; and
installing at least a portion of the first removed and
25 renewed carpet tiles on the second area from which the carpet tiles
were subsequently removed with adjacent tiles being of a different
pattern, color, shade, design, or combination thereof.

- 5 3. The method of Claim 1, wherein said renewing step includes:
- a washing step of jetting a fluid onto the removed
carpet tiles, thereby to perform cleaning for cleaning dirt and stain on
the carpet tiles and to perform retexturing, thus forming cleaned and
treated carpet tiles.

10

4. The method of Claim 3, wherein said renewing step further includes:
- a recoloring step of recoloring at least a portion of the
cleaned and treated carpet tiles with a pattern, design, shade, color,
or combinations thereof.

15

5. The method of Claim 1, wherein said tiles in said first area include at
least one of new tiles and renewed tiles.

20

6. The method of Claim 1, wherein said tiles in said first area are made
up of tiles of at least two different patterns, colors, designs, shades,
or combinations thereof.

25

7. The method of Claim 6, wherein said tiles in said first area are made
up of at least 4 different patterns, colors, designs, shades, or
combinations thereof.

8. The method of Claim 6, wherein said tiles in said first area are made
up of at least 9 different patterns, colors, designs, shades, or

6004372.00101

5 combinations thereof.

9. The method of Claim 6, wherein said tiles in said first area are made up of at least 12 different patterns, colors, designs, shades, or combinations thereof.

10

10. The method of Claim 6, wherein said tiles in said first area are made up of at least 16 different patterns, colors, designs, shades, or combinations thereof.

15 11. The method of Claim 6, wherein said tiles in said first area are made up of at least 25 different patterns, colors, designs, shades, or combinations thereof.

20 12. The method of Claim 6, wherein said tiles in said first area are made up of at least 36 different patterns, colors, designs, shades, or combinations thereof.

25 13. The method of Claim 1, wherein said tiles in said first area are at least one of purchased and leased.

14. The method of Claim 1, wherein said tiles in said first area are each at least one of a gradation of color and contain cool and warm colors alike of various shades.

- 5 15. The method of Claim 1, wherein said tiles in said second area include
at least one of new tiles and renewed tiles.
16. The method of Claim 2, wherein said tiles in said second area are
made up of tiles of at least two different patterns, colors, designs,
10 shades, or combinations thereof.
17. The method of Claim 16, wherein said tiles in said second area are
made up of at least four different patterns, colors, designs, shades, or
combinations thereof.
- 15 18. The method of Claim 16, wherein said tiles in said second area are
made up of at least nine different patterns, colors, designs, shades,
or combinations thereof.
- 20 19. The method of Claim 16, wherein said tiles in said second area are
made up of at least twelve different patterns, colors, designs, shades,
or combinations thereof.
20. The method of Claim 16, wherein said tiles in said second area are
25 made up of at least sixteen different patterns, colors, designs,
shades, or combinations thereof.
21. The method of Claim 16, wherein said tiles in said second area are

5 27. The method according to Claim 2, further comprising a bending step
 of bending curved renewed carpet tiles to the original shape, in the
 washing step or any of the steps following the washing step.

 28. The method according to Claim 2, further comprising a cutting or
10 trimming step of cutting out or trimming edge portions of the renewed
 tiles, where piles have fallen, which are left after completion of the
 washing step.

 29. A multi-year or multi-cycle renewable carpet system, comprising the
15 steps of:

 installing a plurality of new carpet tiles at a first location with
 adjacent tiles being of a different pattern, color, shade, design, or
 combination thereof,

 removing at least a portion of the carpet tiles from the first
20 location after a period of use,

 renewing the removed carpet tiles from the first location,

 reinstalling the renewed carpet tiles at one or more
 locations with adjacent tiles being of a different pattern, color, shade,
 design, or combination thereof,

25 removing at least a portion of the reinstalled renewed
 carpet tiles after another period of use,

 renewing the removed reinstalled previously renewed
 carpet tiles, and

5 reinstalling the twice renewed carpet tile at one or more
locations with adjacent tiles being of a different pattern, color, shade,
design, or combination thereof.

30. The system as recited in Claim 29, further comprising the steps of:
10 removing at least a portion of the reinstalled twice renewed
carpet tiles after another period of use,
 renewing the removed previously twice renewed carpet
tiles, and

 reinstalling the thrice-renewed carpet tiles at one or more
15 locations with adjacent tiles being of a different pattern, color, shade,
design, or combination thereof.

31. The system as recited in Claim 29, wherein at least about 95% of the
carpet tiles are renewed and reinstalled at least once.

20 32. The system as recited in Claim 29, wherein the carpet tiles are at
least one of 40"x40", 36"x36", 20"x20", 18"x18", 1m x 1m, and 50cm x
50cm.

25 33. The system as recited in Claim 29, wherein said renewing step
includes a washing/reproducing step.

34. A renewed carpet tile produced by the method of Claim 1.

5 35. A renewed carpet tile produced by the method of Claim 29.

36. In a method of installing and renewing carpet tiles, the improvement comprising:

installing carpet tiles in at least a first area with adjacent tiles
10 being of a different pattern, color, shade, design, or combination thereof.

37. The method as recited in Claim 36, wherein at least a portion of said carpet tiles are each patterned, printed, dyed, or the like.

15

38. A renewed carpet tile produced by the method of Claim 36.

39. A method of leasing carpet tiles, comprising the steps of:

installing carpet tiles in at least a first area with adjacent tiles
20 being of a different pattern, color, shade, design, or combination thereof,

removing carpet tiles from first said area;

installing carpet tiles in said first area from which the carpet tiles have been removed with adjacent tiles being of a different
25 pattern, color, shade, design, or combination thereof; and,

renewing the removed carpet tiles.

40. The method of Claim 39, further comprising the steps of:

5 removing carpet tiles in a second area, which are to be
subsequently renewed; and

installing at least a portion of the first removed and
renewed carpet tiles on the second area from which the carpet tiles
were subsequently removed with adjacent tiles being of a different
10 pattern, color, shade, design, or combination thereof.

41. The method of Claim 39, wherein said renewing includes a washing
step of jetting a fluid onto the removed carpet tiles, thereby to
perform cleaning for cleaning dirt and stain on the carpet tiles and to
15 perform retexturing, thus forming cleaned and treated carpet tiles.

42. The method of Claim 39, wherein said tiles in said first area include at
least one of new tiles and renewed tiles.

20 43. The method of Claim 39, wherein said tiles in said first area are made
up of tiles of at least two different patterns, colors, designs, shades,
or combinations thereof.

44. The method of Claim 40, wherein said tiles in said second area are at
25 least one of new tiles and renewed tiles.

45. The method of Claim 40, wherein said tiles in said second area are
made up of tiles of at least two different patterns, colors, designs,

003473 002101
101250 244250

5 shades, or combinations thereof.

46. A set of carpet tiles adapted to be efficiently renewed and reused,
comprising:

a plurality of carpet tiles each with a different color, shade,
10 pattern, design, or combinations thereof.

20190716 14:44:44